

PATENT ABSTRACTS OF JAPAN

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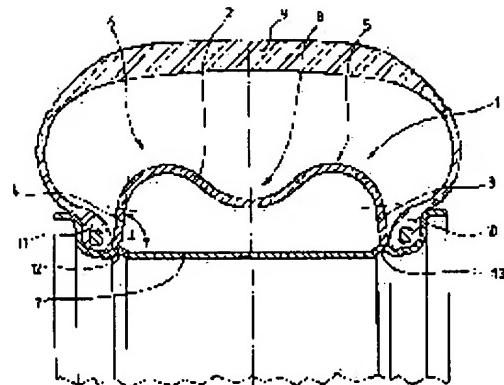
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(54) WHEEL WITH PNEUMATIC TIRE

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a wheel for pneumatic tire which can maintain a safe running condition and sufficiently elastic rolling, can transmit side guide force without increasing weight excessively, and can generate a load distribution which avoids the damage of a rim securely when force acts in the case of emergency running.

SOLUTION: A support body 1 for emergency running supported on a rim 7 is provided in a pneumatic tire 9 and is provided with an emergency running face which supports the tire when the tire is damaged. The emergency running face is formed by a surface on an outer side in the radial direction of an annular body 2 having a platelike cross section. The annular body is provided with a profile having first curved parts 5, 6 opened toward the rim in a scope of an outer side in the axial direction on a cross section thereof and a profile having a second curved part 8 which is between the curved parts 5, 6 and is opened toward a scope of a top part of the tire. The curved parts have one or a plurality of curvature radii which travel mutually. The annular body 2 like a plate is supported on the rim 7 through one or a plurality of support elements 3, 4.



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